

INFORMATION DISCLOSURE CITATION		PTO-1449	ATTORNEY'S DRY NO. 015290-465	APPLICATION NO. 09/749,921		
		APR 16 2001 U.S. PATENT & TRADEMARK OFFICE	APPLICANT Robert J. O'DONNELL et al.			
			FILING DATE December 29, 2000	GROUP 2812		
				JUN 15 2001 TC 720		
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	
BT	4,340,462	07/20/82	George R. KOCH	204	298	
BT	4,491,496	01/01/85	Philippe LAPORTE et al.	156	345	
BT	4,948,458	08/14/90	John S. OGLE	156	643	
BT	5,200,232	04/06/93	James E. TAPPAN et al.	427	569	
BT	5,216,092	06/01/93	Paul J. HUSPENI et al.	525	444	
BT	5,262,029	11/16/93	David ERSKINE et al.	204	298.15	
BT	5,296,542	03/22/94	Richard LAYTON et al.	524	600	
BT	5,366,585	11/22/94	Robert ROBERTSON et al.	156	643	
BT	5,522,932	06/04/96	Manus K. WONG et al.	118	715	
BT	5,641,375	06/24/97	Petru N. NITESCU et al.	156	345	
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> X
BT	62-103379	05/13/87	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER	Binh Tran		DATE CONSIDERED 04/01/04			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXAMINER'S INITIALS BT	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,680,013	10/21/97	Charles N. DORNFEST et al.	315	111.21	03/15/94
	5,798,016	08/25/98	Gottlieb S. OEHRLIN et al.	156	345	03/08/94
	5,820,723	10/13/98	Neil BENJAMIN et al.	156	345	06/05/96
	5,824,605	10/20/98	Ching-Hwa CHEN et al.	438	729	07/31/95
	5,838,529	11/17/98	Paul SHUFFLEBOTHAM et al.	361	234	12/22/95
	5,863,376	01/26/99	Thomas E. WICKER et al.	156	345	06/05/96
	5,879,523	03/09/99	Hougong WANG et al.	204	298.11	09/29/97
	5,885,356	03/23/99	Jun ZHAO et al.	118	723	12/22/95
	5,895,586	04/20/99	Tetsunori KAJI et al.	219	121.43	11/12/96
6,048,798	04/11/00	Prashant GADGIL et al.	438	714	06/05/96	
6,120,854	09/19/00	James A. CLARKE et al.	427	447	02/19/99	
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS BT	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER <i>Binh Tran</i>	DATE CONSIDERED <i>04/06/01</i>					

EXAMINER Binh Tran 04/08
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SHEET 1 OF 1

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BT						
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No
BT	0443778A1	06/1991	Europe			X
BT	0845545A1	06/1998	Europe			
BT	11345780	12/1997	Japan			Abstract Only
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
BT	U.S. Publication No. US2001/0003271A1 to Otsuki, published June 14, 2001					
BT	Deronzier, J.C. et al., "Plate Heat Exchangers in Liquid-Crystal Polymers", Applied Thermal Engineering, Vol. 17, Nos. 8-10, pages 799-808, 1997					
BT	Written Opinion dated August 23, 2002 for PCT/US01/43152					
BT	Notification of Transmittal of the International Search Report or the Declaration dated August 21, 2002 for PCT/US01/43152					
<i>RECEIVED</i>						
EXAMINER Binh Tran	DATE CONSIDERED 10/11/03					
SEP 24 2002 TC 1700						

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Binh Tran

4/1/04

(03/01)